



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

~~ATTORNEY~~  
 APPLICANT: AUBURY, MATTHEW  
 TITLE: SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE  
 FOR ESTIMATING A POTENTIAL PERFORMANCE OF A  
 CODESIGN FROM AN EXECUTABLE SPECIFICATION  
 FILING DATE: 12/21/2001  
 GROUP ART UNIT: 2123  
 ATTORNEYDOCKET NO.: 44359/08327 EMB1P072

#2  
1. Cat No  
3/29/04

## **INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Technology Center 2100

Sir:

In accordance with 37 C.F.R. § 1.98, Applicant, through his undersigned attorney, hereby makes of record the prior art set forth on the attached forms PTO-SB/08A and PTO-SB/08B. One copy of each item of prior art noted on this form is enclosed for consideration by the Examiner.

Respectfully submitted,

Respectfully submitted,

*C. Douglas McDonald*

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Celoxica Ltd.

Applicant: AUBURY, MATTHEW  
Title: SYSTEM, METHOD, AND ARTICLE OF  
MANUFACTURE FOR ESTIMATING A  
POTENTIAL PERFORMANCE OF A CODESIGN  
FROM AN EXECUTABLE SPECIFICATION

Serial No. 10/026,078  
Filed: 12/21/2001

Examiner: SHARON, AYAL I  
Attorney Docket No.: 44359/08327 EMB1P072

Group Art Unit: 2123

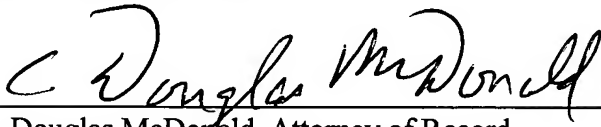
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Page No. 2

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C. Douglas McDonald, Attorney of Record

  
Date

2123

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March 15, 2004

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MAR 19 2004

Attention: Mr. Ayal I. Sharon, Patent Examiner

Technology Center 2100

Re: Patent Application Serial Number: 10/026,078  
Our File Number: 44359/08327 EMB1P072

Dear Mr. Sharon:

We are enclosing an Information Disclosure Statement in connection with the above-referenced application. Included with this Information Disclosure Statement are the International Search Report issued by the European Patent Office and one copy of each of the documents cited, all of which were recently received from our associate handling the prosecution of that European Patent Office counterpart to the present application. If you have any questions regarding these materials, please contact me.

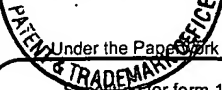
Very truly yours,

C. Douglas McDonald

CDM/hmu  
Enclosures

cc: Mr. Stephen Dyde (w/encl.)

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MAR 22 2004  
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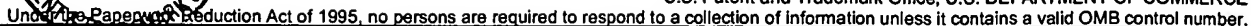


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Application Number	10/026,078
Filing Date	12/21/2001
First Named Inventor	Matthew Aubury
Art Unit	2123
Examiner Name	Ayal I. Sharon
Attorney Docket Number	44359/08327 EMB1P072

## Technology Center 2100

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**Complete if Known**

*(Use as many sheets as necessary)*

Sheet	2	of	4
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Application Number	10/026,078
Filing Date	12/21/2001
First Named Inventor	Matthew Aubury
Art Unit	2123
Examiner Name	Ayal I. Sharon
Attorney Docket Number	44359/08327 EMB1P072

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 0038087 A 29-06-2000 AU	12-07-2000	1875200 A		
			GB 07-11-2001	2362005 A		
			WO 29-06-2000	0038087 A1		

**Examiner  
Signature**

Date  
Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number

10/026,078

Filing Date

12/21/2001

First Named Inventor

Matthew Aubury

Art Unit

2123

Examiner Name

Ayal I. Sharon

Attorney Docket Number

44359/08327 EMB1P072

Sheet

3

of

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**NON PATENT LITERATURE DOCUMENTS**

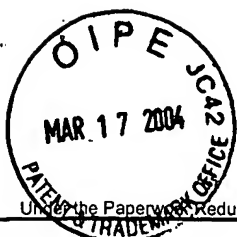
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		O'NILS M ET AL: "Design of D-AMPS channel decoder with codesign methodologies" BEC '96. THE 5TH BIENNIAL BALTIC ELECTRONICS CONFERENCE. PROCEEDINGS, BEC '96 5TH BIENNIAL	
		BALTIC ELECTRONICS CONFERENCE. PROCEEDINGS, TALLINN, ESTONIA, 7-11 OCT. 1996, pages 397-400, XP002243970 1996, Tallinn, Estonia, Tallinn Tech. Univ, Estonia ISBN: 9985-59-026-0	
		the whole document	
		YE W ET AL: "Fast timing analysis for hardware-software co-synthesis" COMPUTER DESIGN: VLSI IN COMPUTERS AND PROCESSORS, 1993. ICCD '93. PROCEEDINGS., 1993 IEEE INTERNATIONAL	
		CONFERENCE ON CAMBRIDGE, MA, USA 3-6 OCT. 1993, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, 3 October 1993 (1993-10-03), pages 452-457, XP010134577 ISBN: 0-8186-4230-0 the whole	
		document	
		HARDT W ET AL: "Speed-up estimation for HW/SW-systems" PROCEEDINGS. FOURTH INTERNATIONAL WORKSHOP ON HARDWARE/SOFTWARE CO-DESIGN (CODE/CASHE '96) (CAT. NO.96TB100020),	
		PROCEEDINGS OF 4TH INTERNATIONAL WORKSHOP ON HARDWARE/SOFTWARE CO-DESIGN.. CODES/CASHE '96, PITTSBURGH, PA, USA, 18-20 MARCH 1996, pages 36-43, XP002243932 1996, Los Alamitos,	
		CA, USA, IEEE Comput. Soc. Press, USA ISBN: 0-8186-7243-9 the whole	
		document	
Examiner Signature		Date Considered	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/026,078	<b>RECEIVED</b> MAR 19 2004 Technology Center 2100
Filing Date	12/21/2001	
First Named Inventor	Matthew Aubury	
Art Unit	2123	
Examiner Name	Ayal I. Sharon	
Attorney Docket Number	44359/08327	EMBIP072

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		EDWARDS M D ET AL: "Software acceleration using programmable hardware devices" IEE PROCEEDINGS: COMPUTERS AND DIGITAL TECHNIQUES, IEE, GB, vol. 143, no. 1, 25 January 1996	
		(1996-01-25), pages 55-63, XPU06006162 ISSN: 1350-2387 the whole document	

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